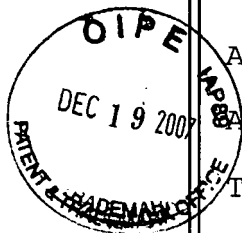


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): David Albert Zoba

Assignee: Amkor Technology, Inc.

Title: STRUCTURES FOR IMPROVING HEAT DISSIPATION IN  
STACKED SEMICONDUCTOR PACKAGES

Serial No.: 10/771,072 Filing Date: February 2, 2004

Patent No.: 6,919,631 Issued: July 19, 2005

Examiner: Sheila V. Clark Group Art Unit: 2815

Docket No.: G007801

Monterey, CA  
December 13, 2007

ATTENTION: CERTIFICATE OF CORRECTIONS BRANCH  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Certificate  
DEC 21 2007  
of Correction

REQUEST FOR ENTRY OF  
CERTIFICATE OF CORRECTION

Sir:

Please enter the enclosed Certificate of Correction (PTO  
Form 1050) in the above patent.

The errors sought to be corrected were made by

☒ The Patent and Trademark Office as explained below.  
Thus, no fee is required for the Certificate of  
Correction pursuant to 37 CFR §1.322.

☐ Applicant(s) (at least in part). See next section  
for explanation. This appropriate fee under 37 CFR  
§1.323 has been authorized below.

Attached as Exhibit A (2 pages) is a copy of the Request  
to Change Inventorship Pursuant to 37 CFR 1.48(b) and  
Authorization of the Required Fee Under 37 CFR 1.17(i), as  
filed to the USPTO on May 4, 2004. Attached as Exhibit B (2  
pages) is a copy of the Corrected Filing Receipt dated March

JAN 7 2007

17, 2005. These Exhibits support the requested correction to the coversheet of the patent, and show that the error was made by the U.S. Patent and Trademark Office.

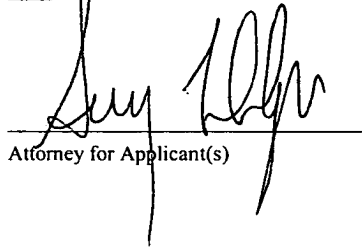
As shown in Exhibit A, a request to delete Paul Robert Hoffman as an inventor of the application was filed to the USPTO on May 4, 2004. As shown in Exhibit B, the Corrected Filing Receipt, mailed on March 17, 2005, does not include Paul Robert Hoffman as an inventor. Although Paul Robert Hoffman was correctly removed as an inventor from the application, his name still appears on the Original Letters Patent at Item 75.

Although it is believed that no fee is required, the Commissioner is hereby authorized to charge any fees required for consideration and entry of the enclosed documents, and to credit any overpayment of fees to Deposit Account No. 50-0553.

Please direct all inquiries concerning this request to the undersigned attorney.

**CERTIFICATE OF MAILING**

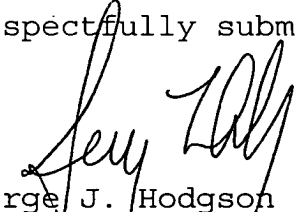
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 13, 2007.



Attorney for Applicant(s)

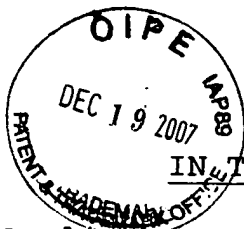
December 13, 2007  
Date of Signature

Respectfully submitted,



Serge J. Hodgson  
Attorney for Applicant(s)  
Reg. No. 40,017  
(831) 655-0880

JAN 7 2007



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul Robert Hoffman and David Albert Zoba  
Assignee: Amkor Technology, Inc.  
Title: Structures For Improving Heat Dissipation In  
Stacked Semiconductor Packages  
Serial No.: 10/771,072 File Date: 02/02/2004  
Examiner: Not Yet Assigned Art Unit: 2812  
Docket No.: AMK-11317-1D

-----  
Date: May 4, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST TO CHANGE INVENTORSHIP PURSUANT TO 37 CFR 1.48(b) AND  
AUTHORIZATION OF THE REQUIRED FEE UNDER 37 CFR 1.17(i)

Dear Sir:

Please delete Paul Robert Hoffman as an inventor of the present application. Due to cancellation of certain of the claims, the invention of Paul Robert Hoffman is no longer being claimed in the application.

The undersigned is an attorney of record.

Please charge Deposit Acct. 50-0574 the amount of \$130.00 for this request. If any additional extension and/or fee is required, also charge Account No. 50-0574.

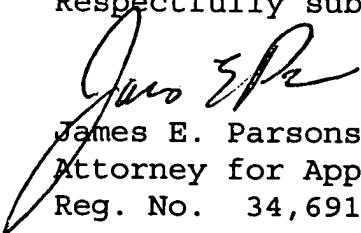
Exhibit A

JAN 7 2007

If there are any questions, please telephone the undersigned at 408 451-5906.

Respectfully submitted,

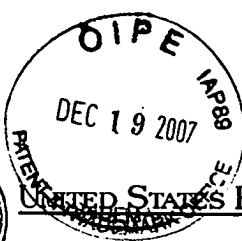
Customer No.: 022888

  
James E. Parsons  
Attorney for Applicant  
Reg. No. 34,691

I hereby certify that this correspondence is being deposited with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 4, 2004

5/4/2004        
Date      Signature: Rebecca A. Baumann

7 2007



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/771,072	02/02/2004	2815	946	G007801	10	25	4

23513  
 GUNNISON MCKAY & HODGSON, LLP  
 GARDEN WEST OFFICE PLAZA, SUITE 220  
 1900 GARDEN ROAD  
 MONTEREY, CA 93940

CONFIRMATION NO. 1979  
 CORRECTED FILING RECEIPT  
 \*OC000000015498634\*  
 \*OC000000015498634\*

Date Mailed: 03/17/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

David Albert Zoba, Chandler, AZ;

**Assignment For Published Patent Application**

Amkor Technology, Inc., Chandler, AZ

**Power of Attorney:** The patent practitioners associated with Customer Number 23513.

**Domestic Priority data as claimed by applicant**

This application is a DIV of 10/013,396 12/07/2001 PAT 6,737,750

**Foreign Applications**

If Required, Foreign Filing License Granted: 05/03/2004

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/771,072**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

Exhibit B

JAN 7 2007

**Title**

STRUCTURES FOR IMPROVING HEAT DISSIPATION IN STACKED SEMICONDUCTOR PACKAGES

**Preliminary Class**

257

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,919,631

Page 1 of 1

APPLICATION NO. : 10/771,072

DATED : July 19, 2005

INVENTOR(S) : David Albert Zoba

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the coversheet, at Item 75, delete "Paul Robert Hoffman, Chandler, AZ (US);"

MAILING ADDRESS OF SENDER (Please do not use customer number below):

GUNNISON, McKAY & HODGSON, L.L.P.  
1900 Garden Road, Suite 220  
Monterey, CA 93940

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

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